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Maine Economic & Demographic Trends, 2005

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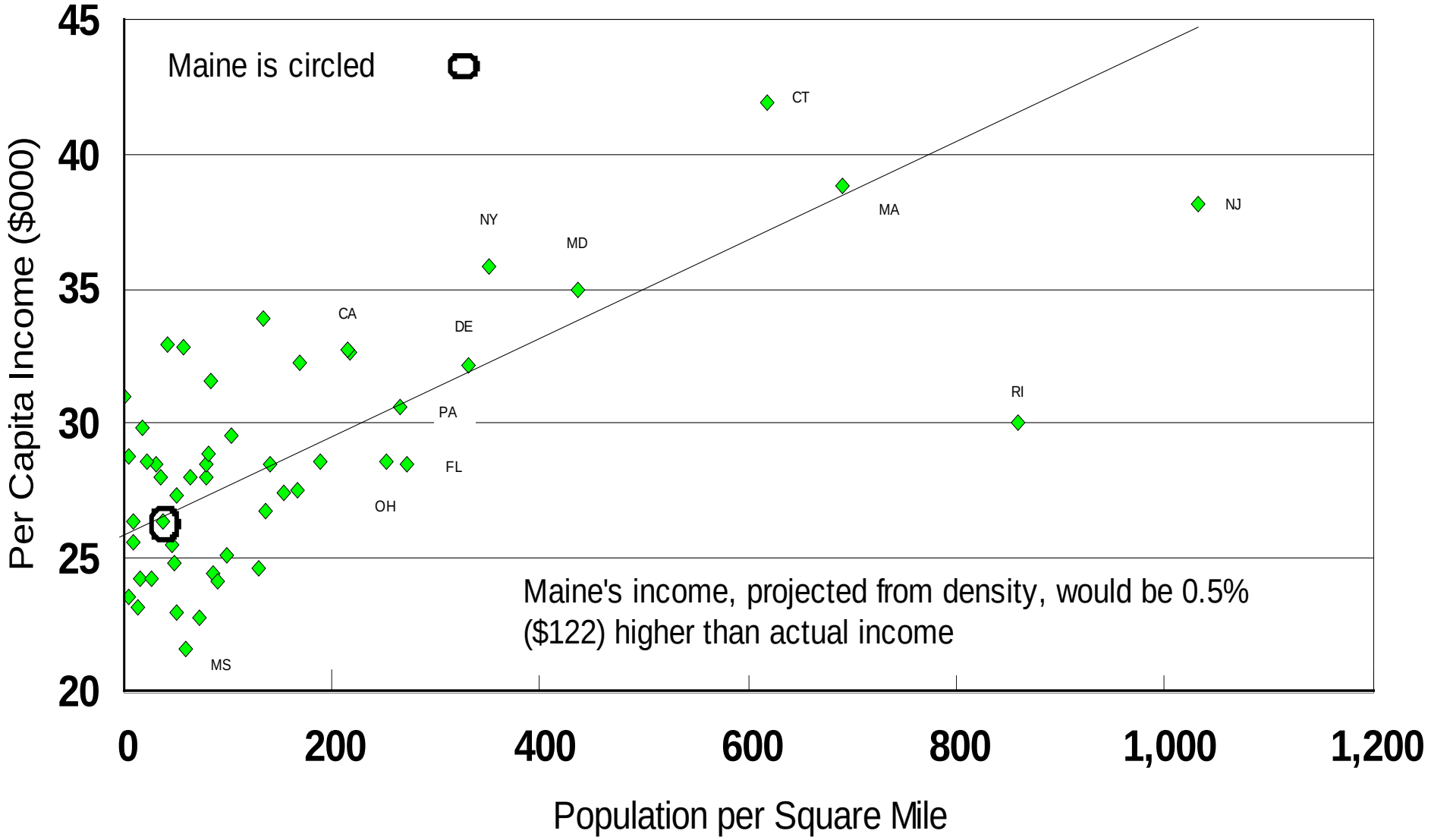
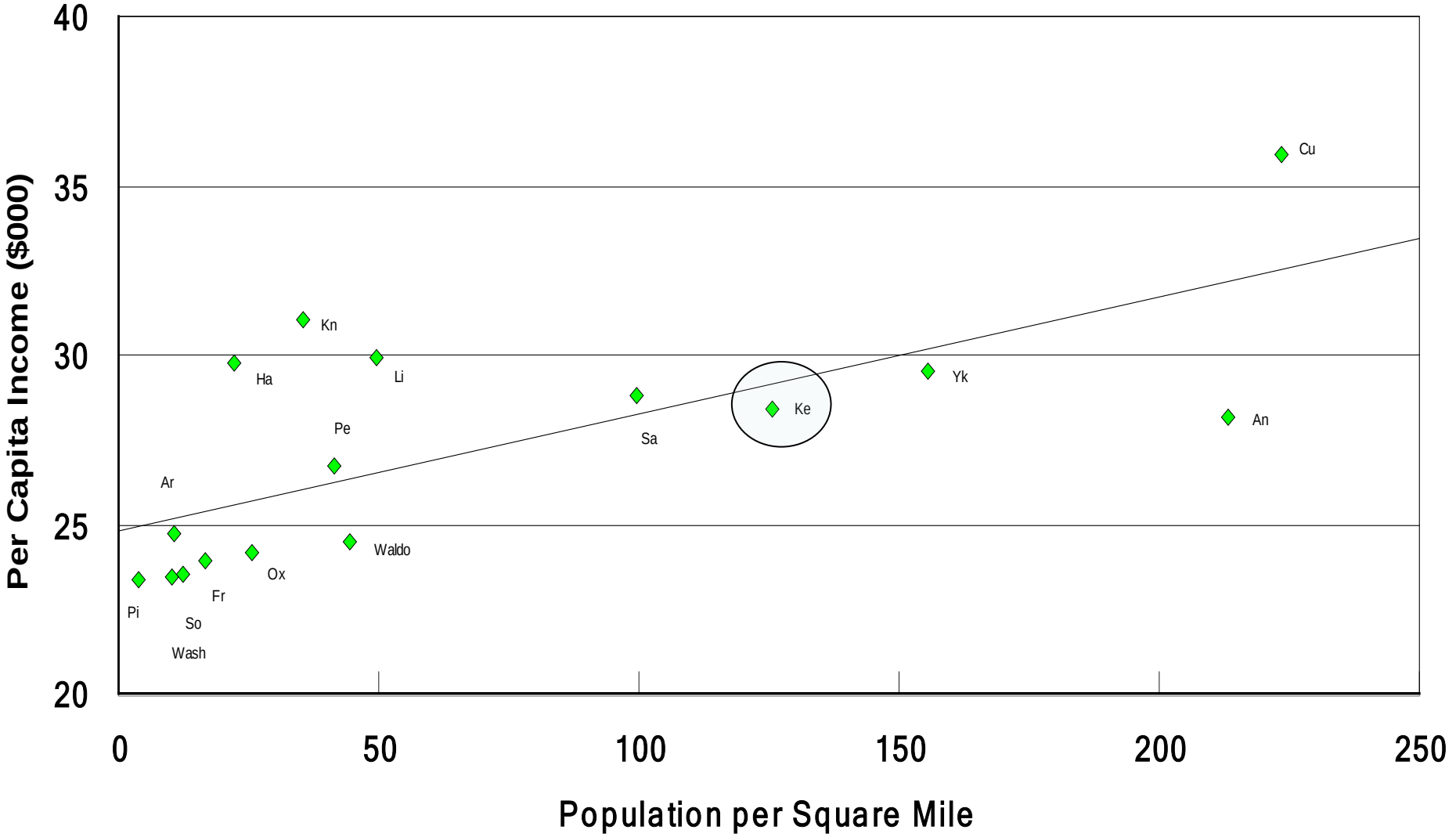
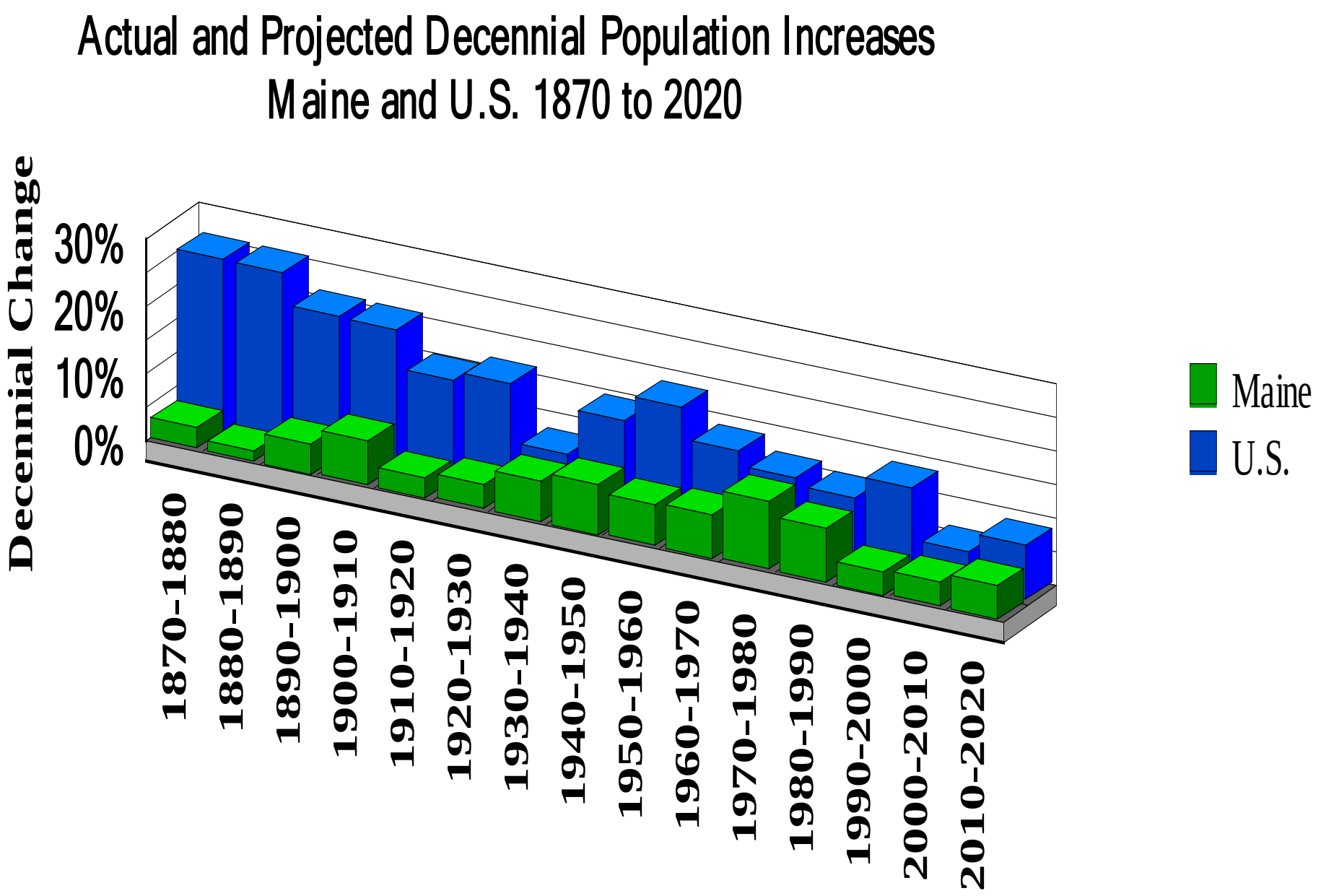
Maine Economic & Demographic Trends

By Galen Rose
Economist
Maine State Planning Office
August 2005

State Per Capita Income versus Population Density (2003)



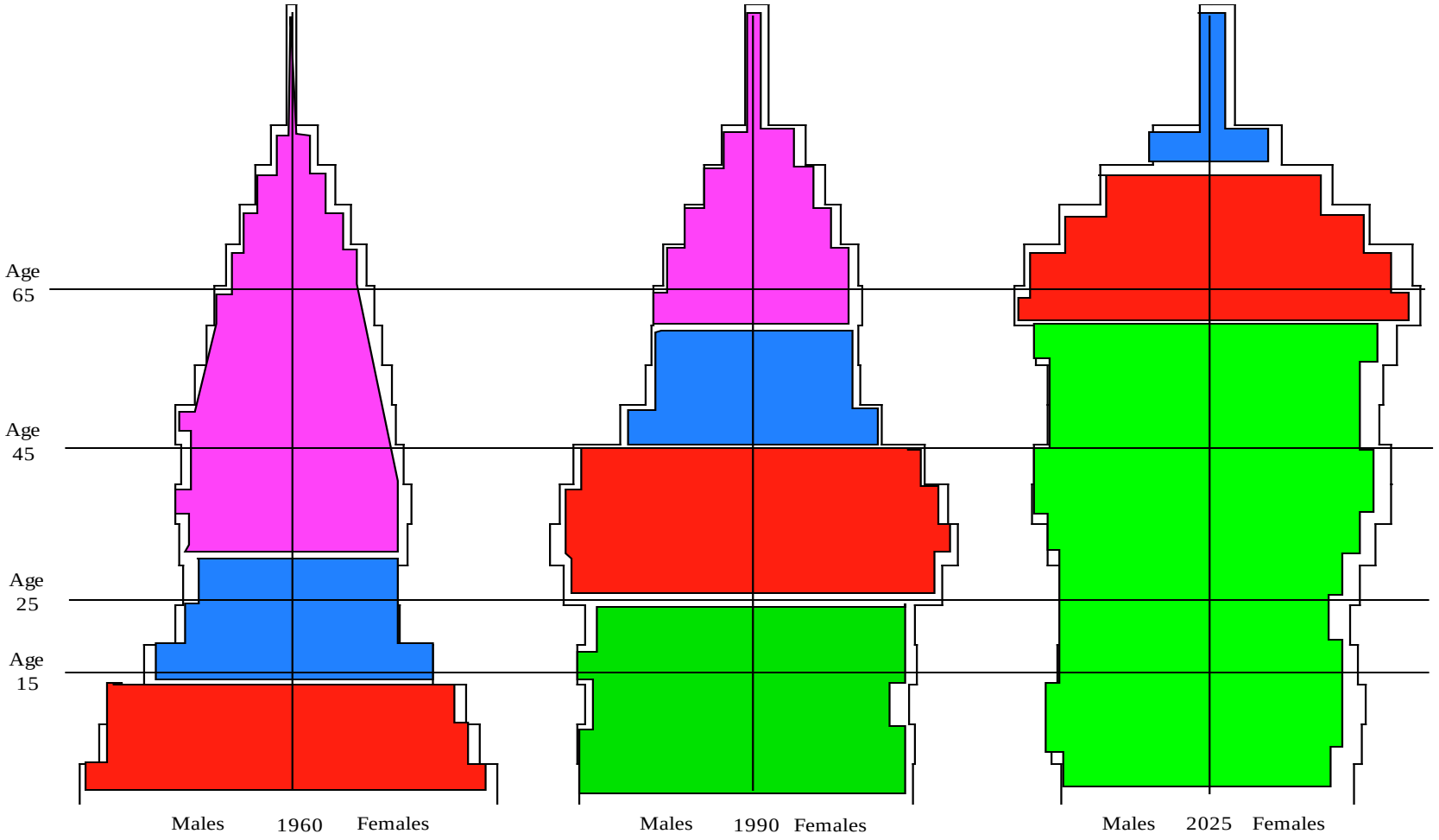

Maine County Per Capita Income
versus Population Density (2003)
Per Capita Income ($000)
40
35
30
25
20
0
50
100
150
200
250
Population per Square Mile
Cu
Kn
Ha
Li
Yk
Ke
An
Sa
Pe
Ar
Waldo
Ox
Fr
Pi
So
Wash


Actual and Projected Decennial Population Increases
Maine and U.S. 1870 to 2020
Decennial Change
30%
20%
10%
0%
1870-1880
1880-1890
1890-1900
1900-1910
1910-1920
1920-1930
1930-1940
1940-1950
1950-1960
1960-1970
1970-1980
1980-1990
1990-2000
2000-2010
2010-2020
Maine
U.S.

Reasons for Maine's slow Population Growth

- Average age is oldest of all US states (40.2 in 2003)
- Predominately white population (97%)
- Not a major immigration destination

Age and Sex Composition of the Maine Population
1960, 1990 and 2025



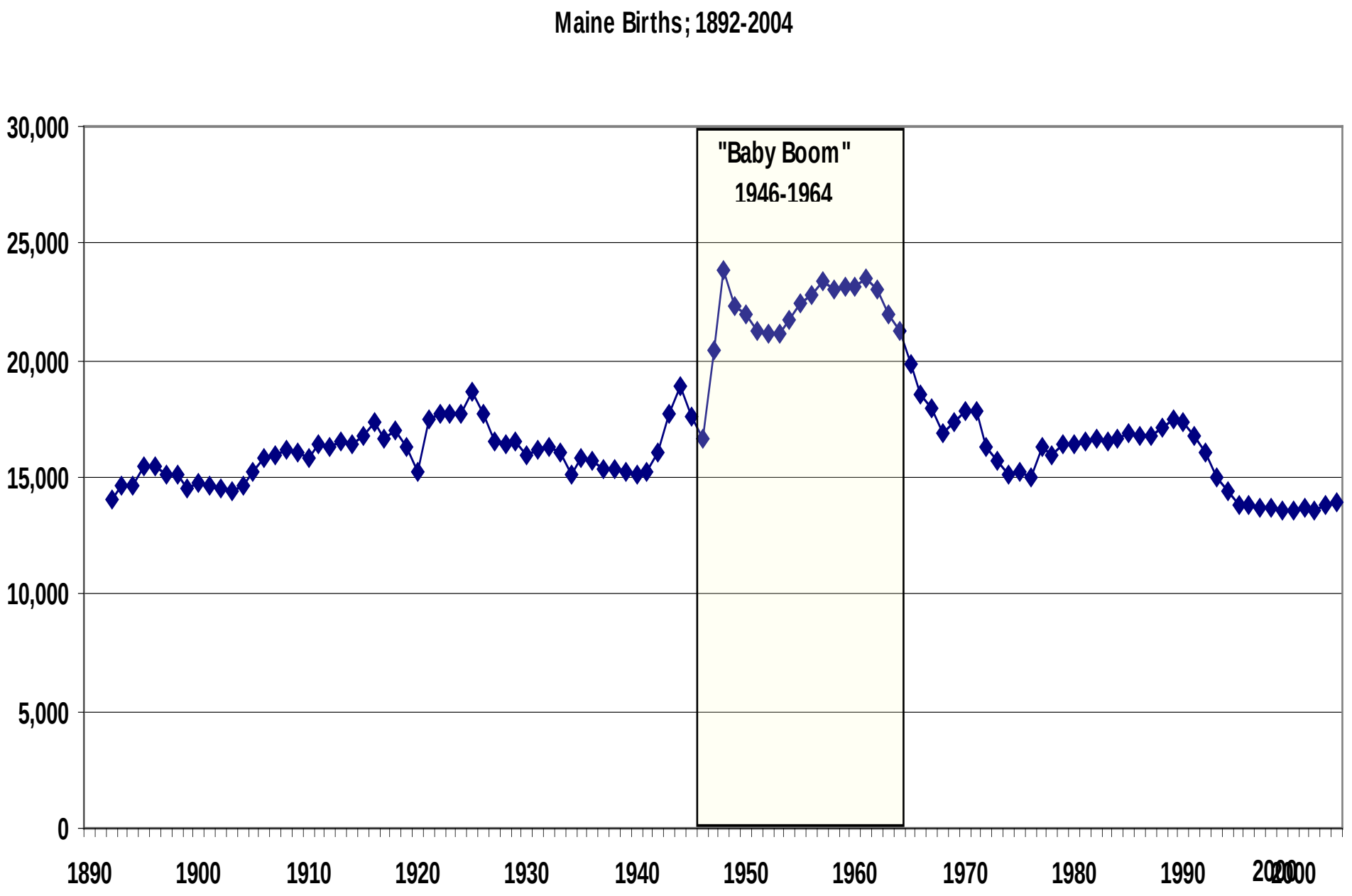
Data Source: U.S. Census Bureau, 1960 and 1990 Decennial Censuses and Projection Issued October 1996

Born before Great Depression

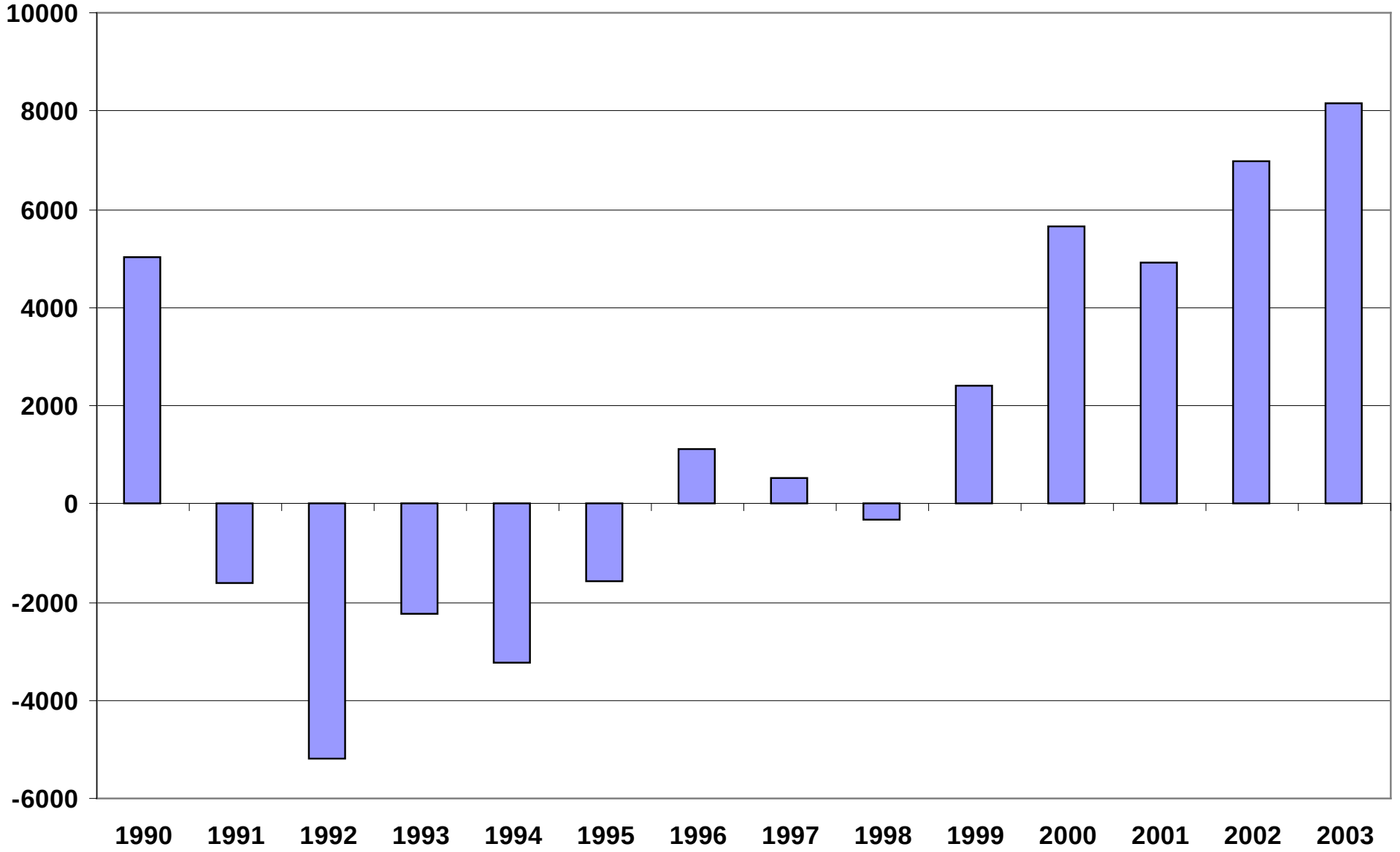
Born during Great Depression & WWII

Born during Post-WWII Baby Boom

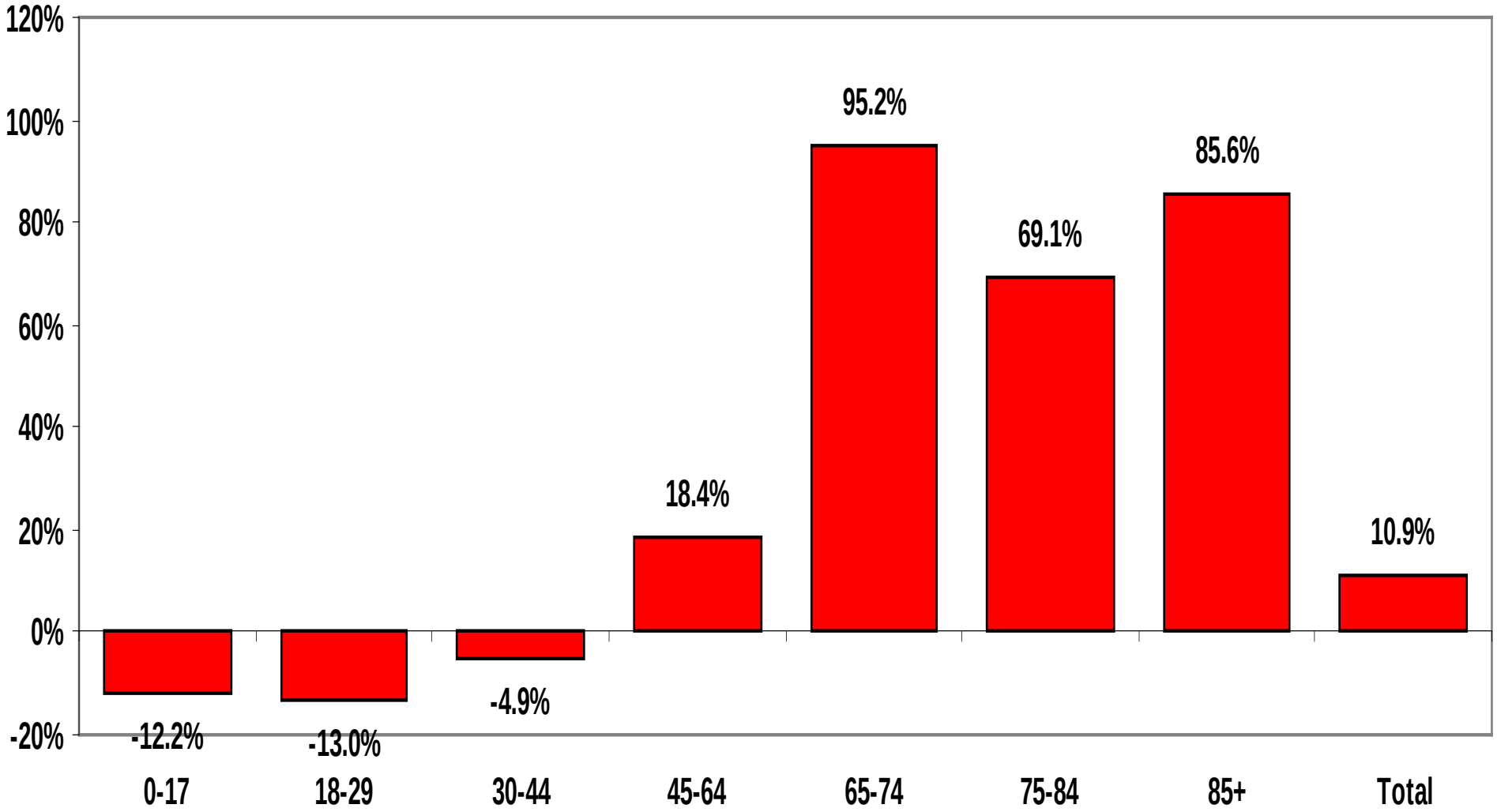
Born after Post-WWII Baby Boom


Maine Births; 1892-2004
"Baby Boom"
1946-1964
30,000
25,000
20,000
15,000
10,000
5,000
0
1890
1900
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000

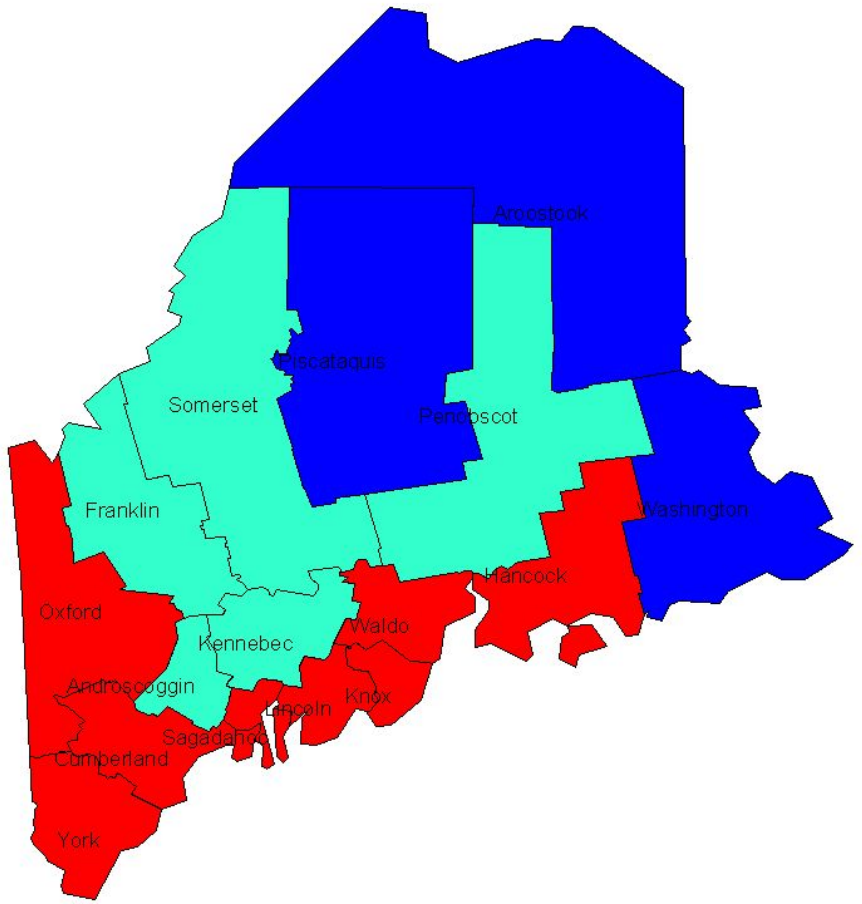
Maine Net US Migration



Population Change by Age Group
Maine 2000 to 2025



US Bureau of the Census 2005

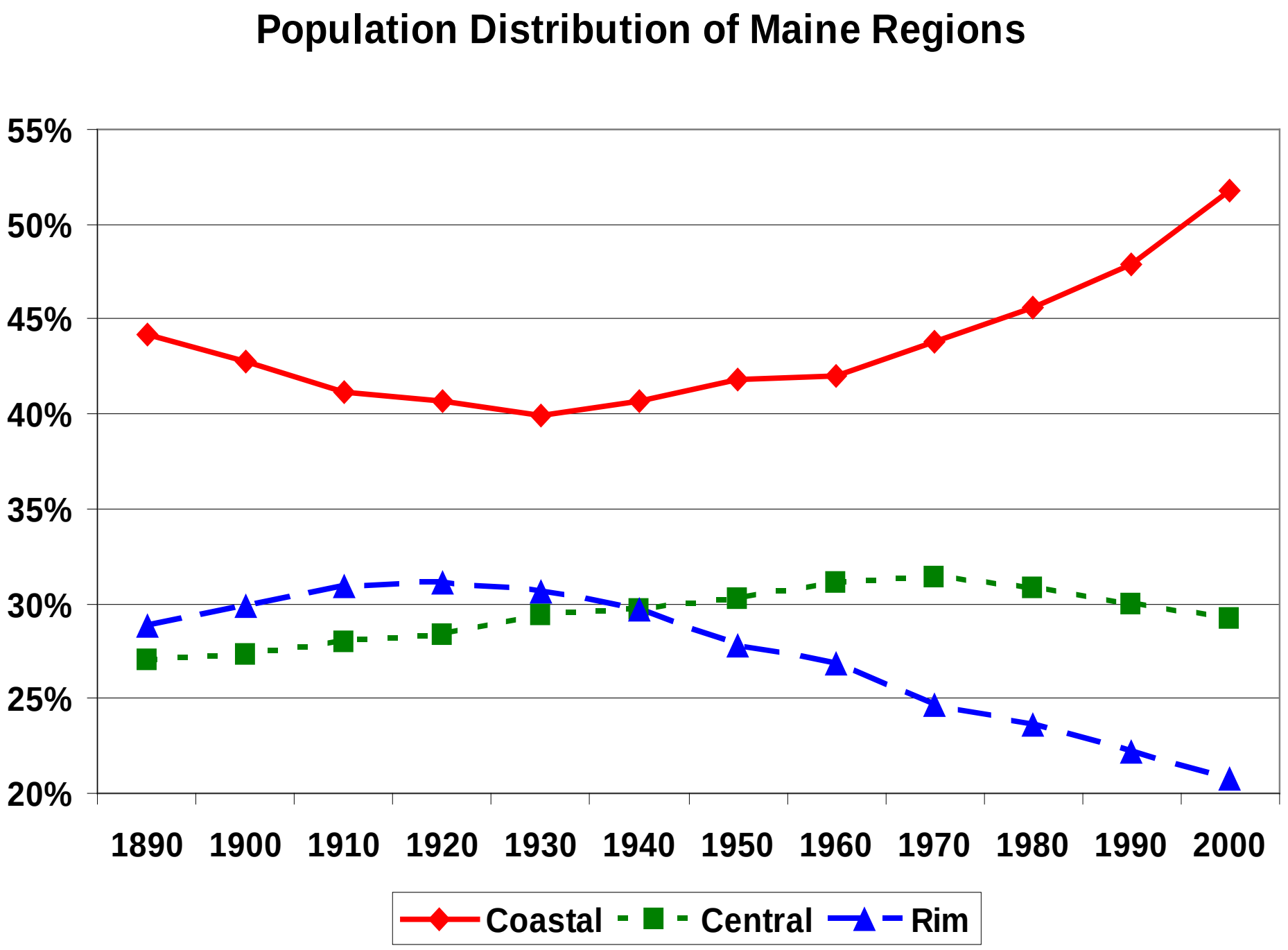


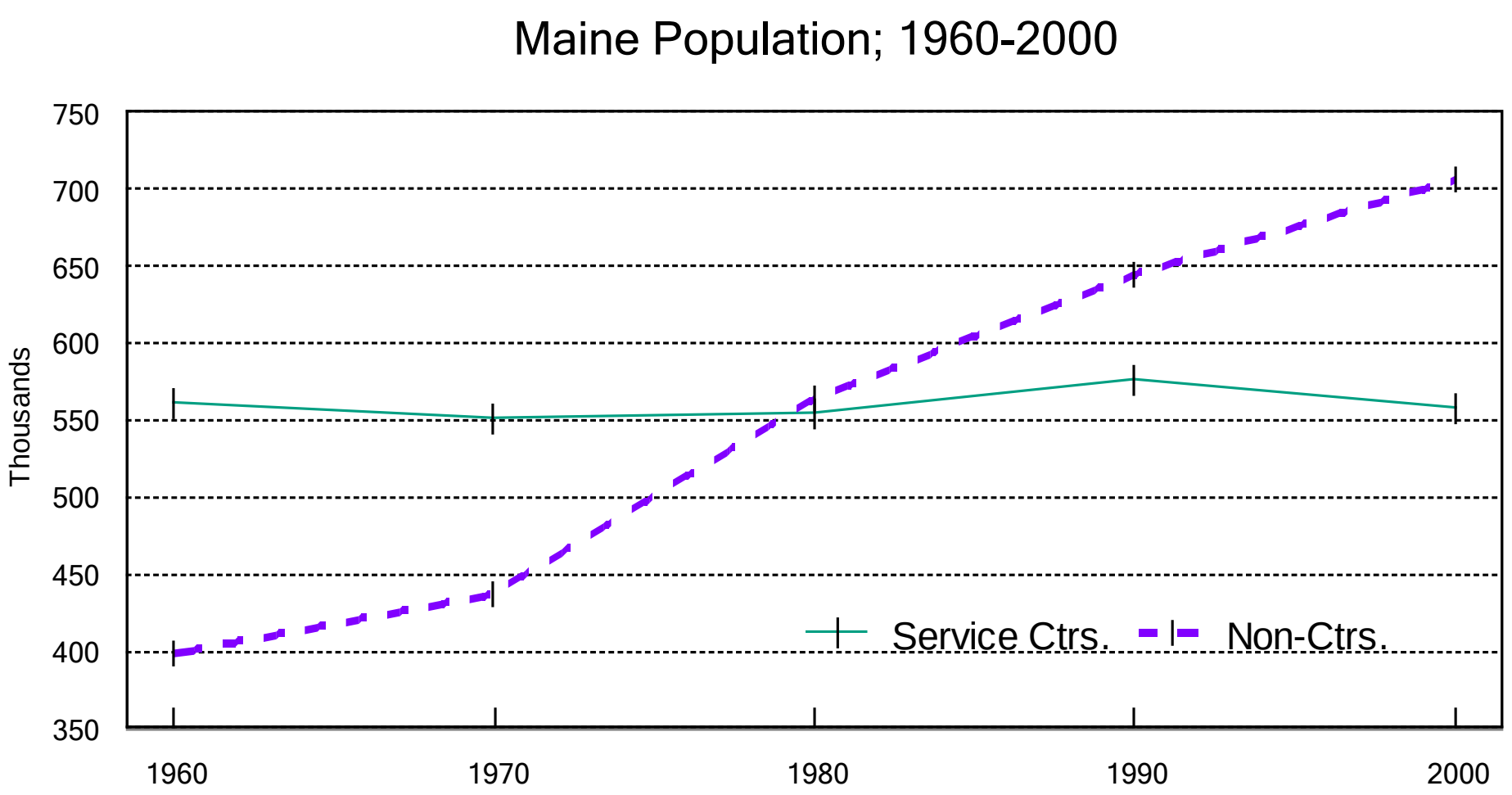
Rate of Population Change 1990 - 2000

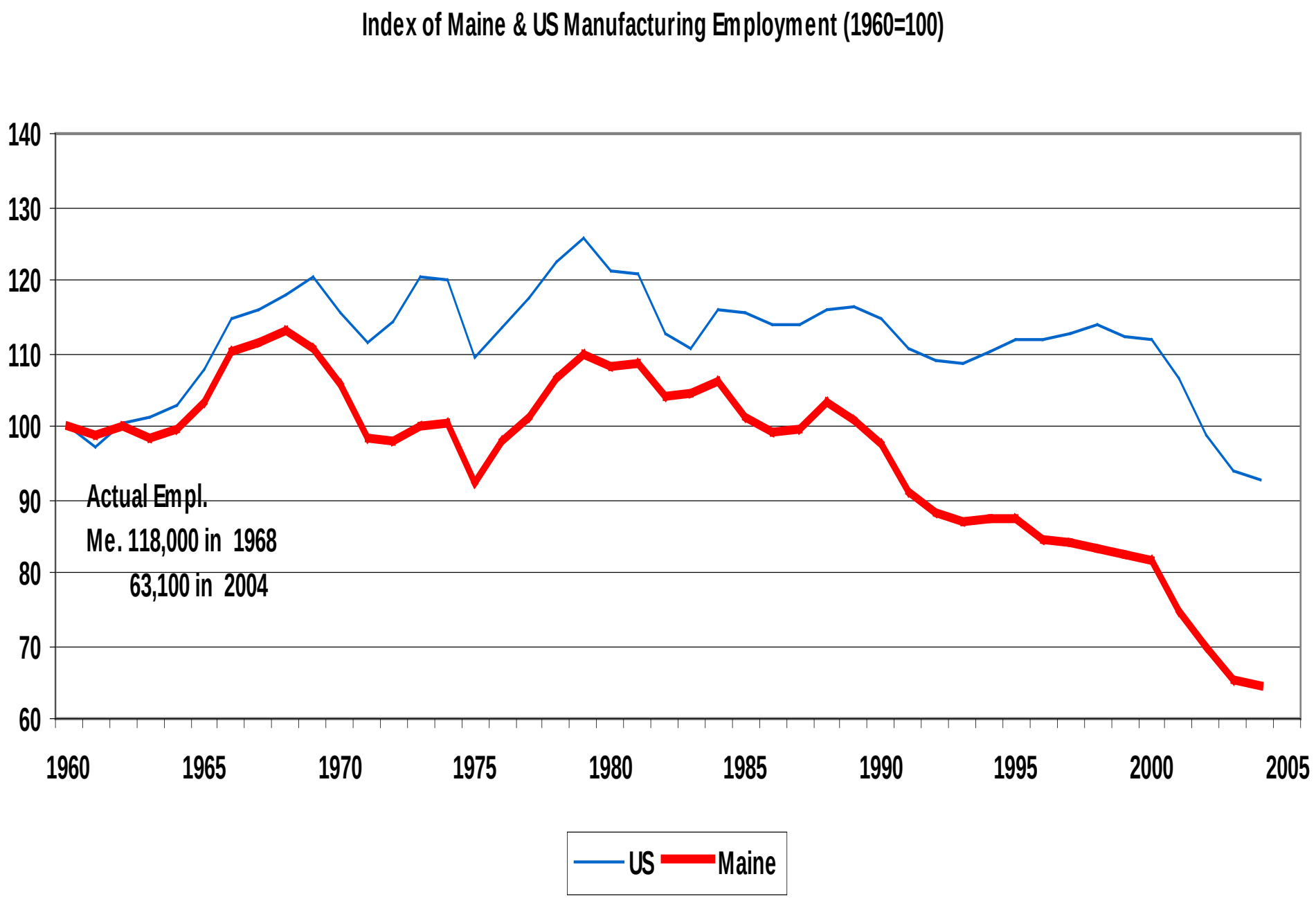
(15) - (2.1) %

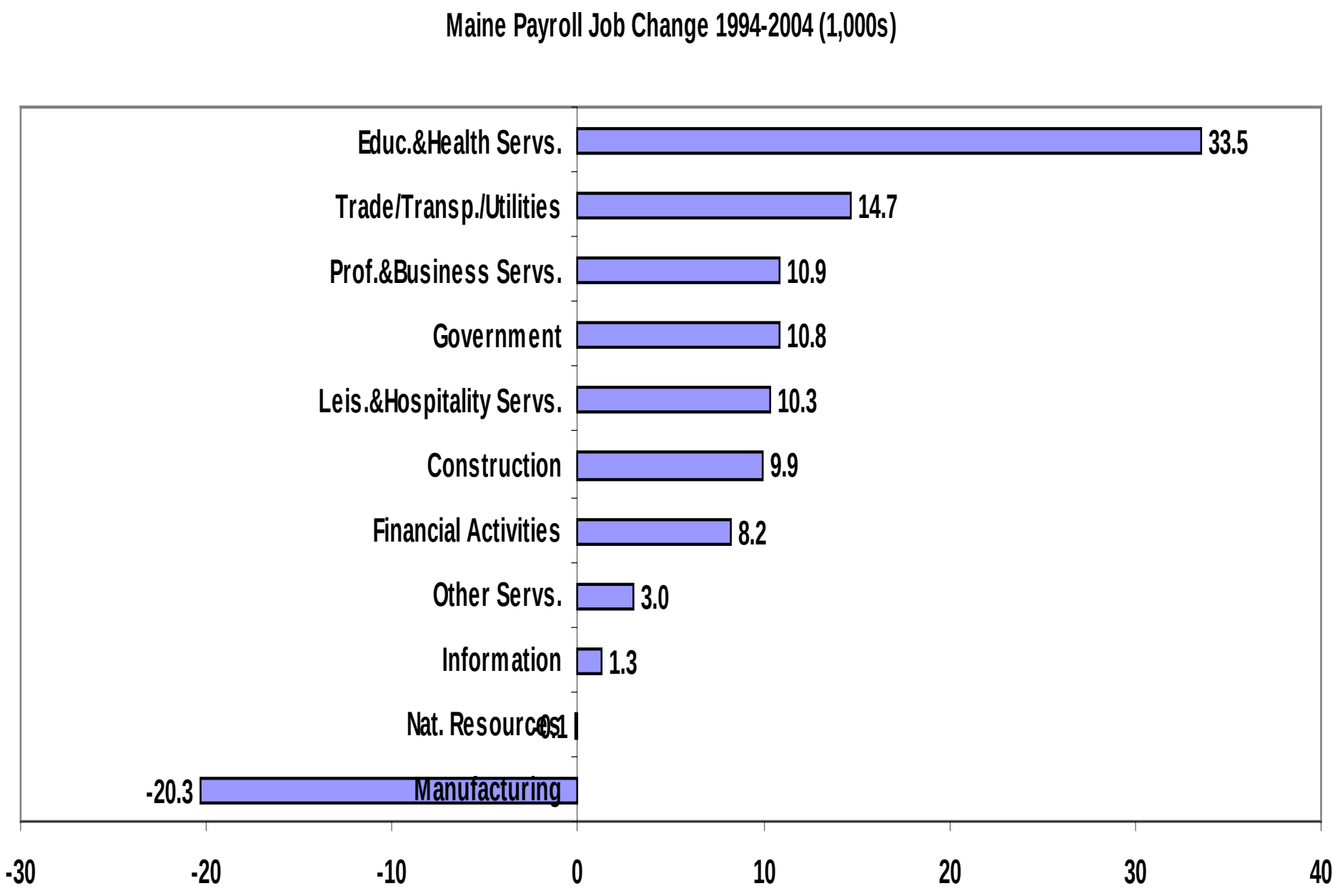
(2) - 2.5 %

2.6 - 15 %


Population Distribution of Maine Regions
55%
50%
45%
40%
35%
30%
25%
20%
1890
1900
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000
Coastal
Central
Rim


Maine Population; 1960-2000
750
700
650
600
550
500
450
400
350
Thousands
1960
1970
1980
1990
2000
Service Ctrs.
Non-Ctrs.

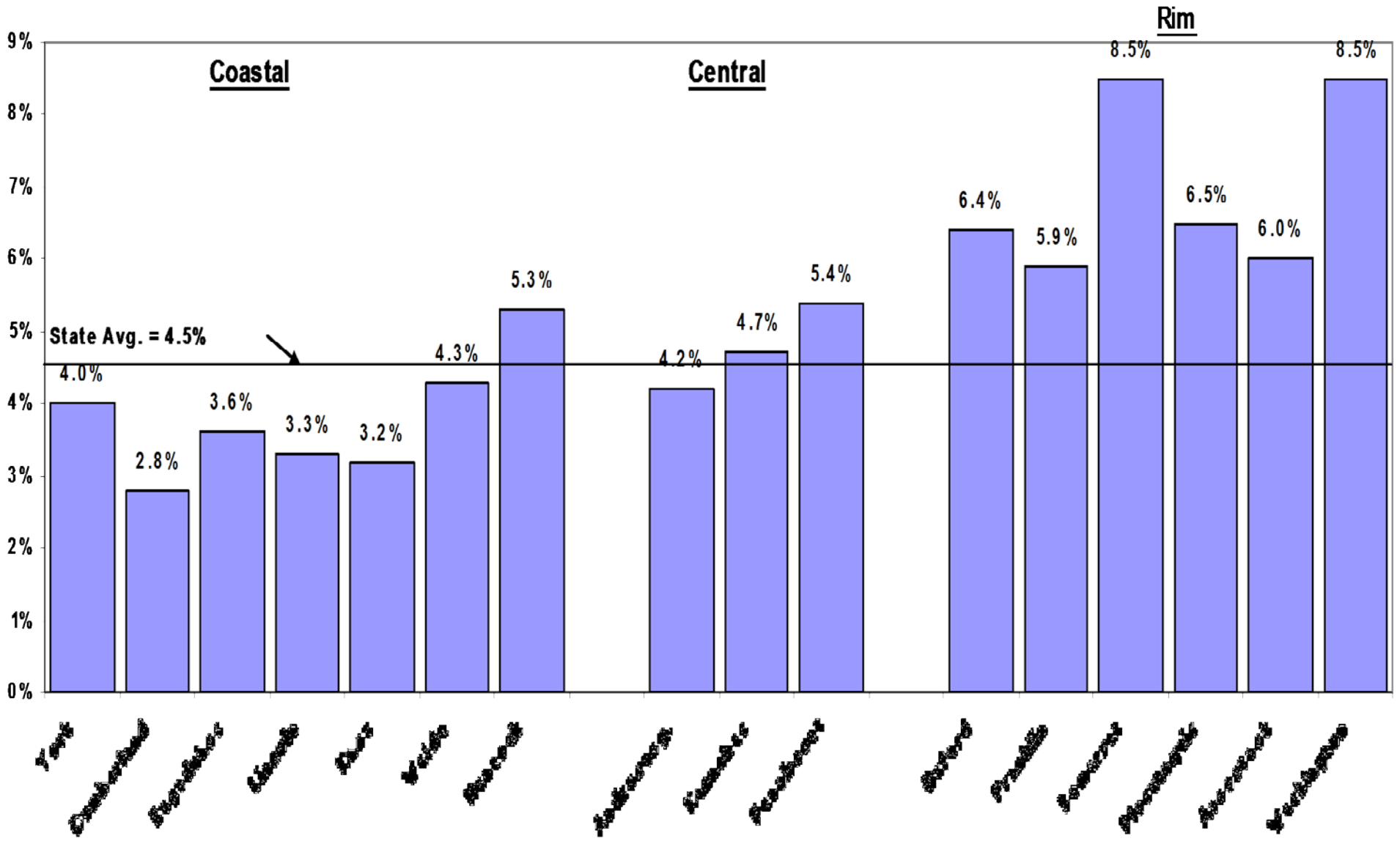

Index of Maine & US Manufacturing Employment (1960=100)
140
130
120
110
100
90
80
70
60
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
Actual Empl.
Me. 118,000 in 1968
63,100 in 2004
US
Maine

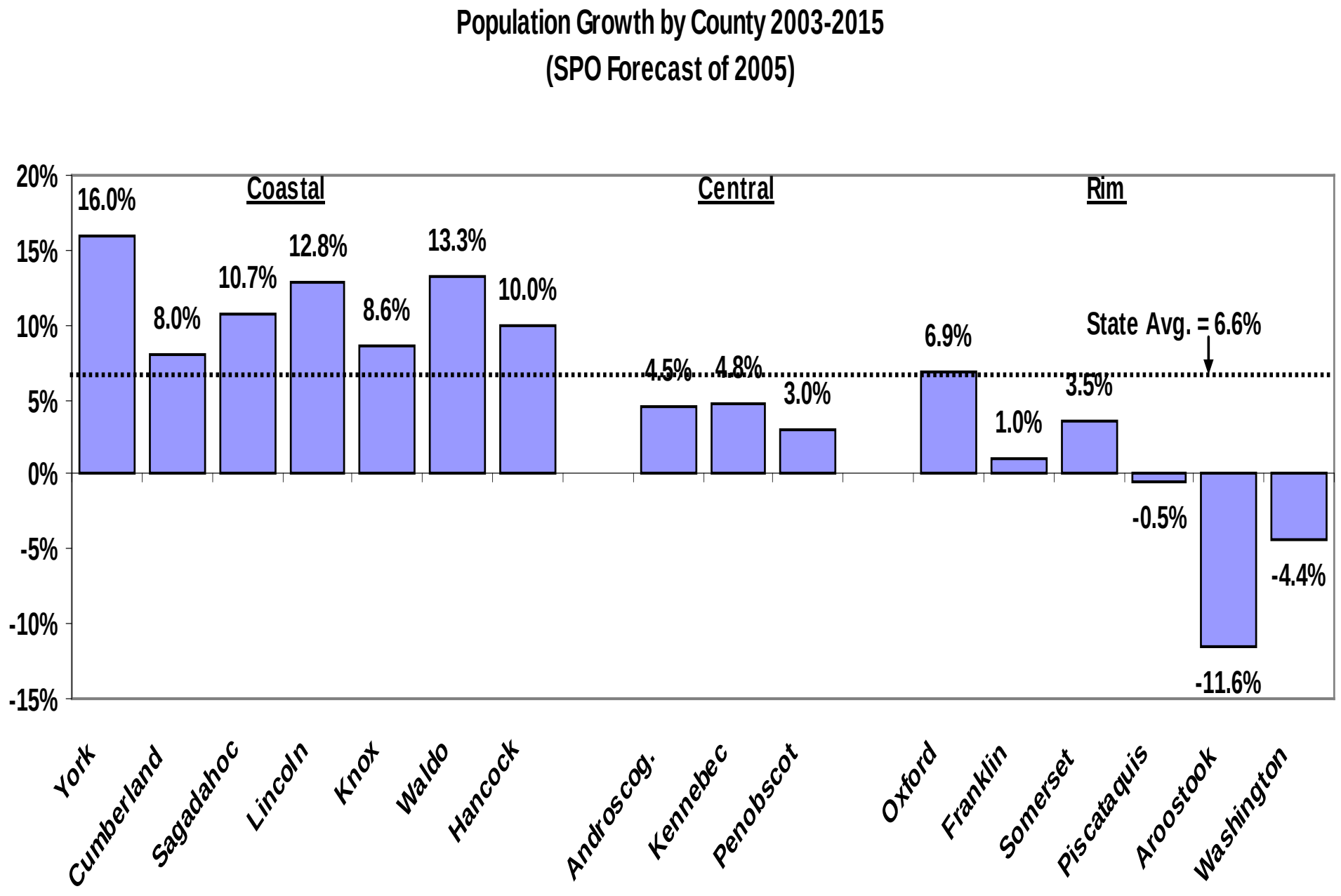

Maine Payroll Job Change 1994-2004 (1,000s)
Educ.&Health Servs.
33.5
Trade/Transp./Utilities
14.7
Prof.&Business Servs.
10.9
Government
10.8
Leis.&Hospitality Servs.
10.3
Construction
9.9
Financial Activities
8.2
Other Servs.
3.0
Information
1.3
Nat. Resources
0.1
Manufacturing
-20.3
-30
-20
-10
0
10
20
30
40

Employers in Waterville Micropolitan Area with 100 or More Employees, October to December, 2004

Rank	Employer	Town	Empl. Range	Description
1	MAINEGENERAL MEDICAL CTR AUGUSTA	WATERVILLE	1001-1200	General medical and surgical hospitals
2	L L BEAN INC	WATERVILLE	801-900	Mail-order houses
3	COLBY COLLEGE	WATERVILLE	601-700	Colleges and universities
4	WATERVILLE SCHOOL DEPT	WATERVILLE	401-450	Elementary and secondary schools
5	INLAND HOSPITAL	WATERVILLE	401-450	General medical and surgical hospitals
6	HUHTAMAKI PACKAGING	WATERVILLE	401-450	All other converted paper product mfg.
7	MESSALONSKEE HIGH SCHOOL ET AL	OAKLAND	301-350	Elementary and secondary schools
8	CARE & COMFORT	WATERVILLE	301-350	Home health care services
9	WAL MART ASSOCIATES INC	WATERVILLE	201-250	Discount department stores
10	MOUNT ST JOSEPH NURSING HOME	WATERVILLE	201-250	Nursing care facilities
11	COLBY COLLEGE FOOD SERVICE	WATERVILLE	151-200	Food service contractors
12	ASSISTANCE PLUS	WATERVILLE	151-200	Services for the elderly and disabled
13	REHABWORKS LLC	WATERVILLE	151-200	Offices of specialty therapists
14	SHAWS SUPERMARKETS INC	WATERVILLE	151-200	Supermarkets and other grocery stores
15	COMPUTER SCIENCES CORPORATION	WINSLOW	151-200	Computer facilities management services
16	BENTON ELEMENTARY SCHOOL	BENTON	101-150	Elementary and secondary schools
17	FORMTEK INC	CLINTON	101-150	Other metalworking machinery manufacturing
18	HANNAFORD BROS CO	WATERVILLE	101-150	Supermarkets and other grocery stores
19	HOME DEPOT USA INC	WATERVILLE	101-150	Home centers
20	OAK GROVE NURSING CARE CENTER	WATERVILLE	101-150	Nursing care facilities
21	HANNAFORD BROS CO	WATERVILLE	101-150	Supermarkets and other grocery stores
22	UNITED PARCEL SERVICE	WATERVILLE	101-150	Couriers
23	THOMAS COLLEGE	WATERVILLE	101-150	Colleges and universities
24	J C PENNEY CO INC	WATERVILLE	101-150	Department stores, except discount
25	HEALTH REACH NETWORK	WATERVILLE	101-150	Home health care services
26	MID STATE MACHINE PRODUCTS INC	WINSLOW	101-150	Machine shops
27	THULE TRAILERS INC	WINSLOW	101-150	Travel trailer and camper manufacturing

Unemployment Rates of Maine Counties - 2004




Population Growth by County 2003-2015
(SPO Forecast of 2005)
20%
15%
10%
5%
0%
-5%
-10%
-15%
Coastal
Central
Rim
16.0%
8.0%
10.7%
12.8%
8.6%
13.3%
10.0%
4.5%
4.8%
3.0%
6.9%
1.0%
3.5%
-0.5%
-11.6%
-4.4%
State Avg. = 6.6%
York
Cumberland
Sagadahoc
Lincoln
Knox
Waldo
Hancock
Androscog.
Kennebec
Penobscot
Oxford
Franklin
Somerset
Piscataquis
Aroostook
Washington

HISTORICAL GROWTH RANKINGS

Population Growth 1990 – 2000
Avg. Annual Rate (Maine = 0.4%)

1	York	1.3%
2	Lincoln	1.0%
3	Waldo	1.0%
4	Hancock	1.0%
5	Cumberland	0.9%
6	Knox	0.8%
7	Sagadahoc	0.5%
8	Oxford	0.4%
9	Somerset	0.2%
10	Franklin	0.1%
11	Kennebec	0.1%
12	Penobscot	-0.1%
13	Androscoggin	-0.2%
14	Washington	-0.4%
15	Piscataquis	-0.8%
16	Aroostook	-1.6%

Full & Part-Time Empl. Growth 1990-2000
Avg. Annual Rate (Maine = 1.2%)

1	Waldo	3.5%
2	Knox	2.7%
3	Lincoln	2.6%
4	Hancock	2.5%
5	Washington	1.8%
6	Cumberland	1.7%
7	Somerset	1.3%
8	Androscoggin	1.1%
9	York	1.1%
10	Oxford	1.0%
11	Penobscot	0.9%
12	Franklin	0.0%
13	Kennebec	0.3%
14	Piscataquis	0.2%
15	Sagadahoc	-0.6%
16	Aroostook	-0.7%

Taxable Ret. Sales Growth 1990-2000
Avg. Annual Rate (Maine = 4.5%)

1	Lincoln	5.9%
2	Waldo	5.9%
3	Hancock	5.5%
4	Cumberland	5.5%
5	York	5.4%
6	Knox	5.2%
7	Androscoggin	4.4%
8	Penobscot	4.3%
9	Kennebec	4.1%
10	Oxford	4.0%
11	Piscataquis	2.3%
12	Franklin	1.9%
13	Sagadahoc	1.4%
14	Aroostook	1.2%
15	Washington	1.2%
16	Somerset	0.8%

Personal Income Growth 1990-2000
Avg. Annual Rate (Maine = 4.2%)

1	Waldo	5.6%
2	Knox	5.1%
3	Cumberland	4.8%
4	York	4.7%
5	Hancock	4.6%
6	Lincoln	4.1%
7	Penobscot	3.9%
8	Oxford	3.9%
9	Washington	3.8%
10	Franklin	3.8%
11	Sagadahoc	3.7%
12	Somerset	3.7%
13	Androscoggin	3.6%
14	Kennebec	3.5%
15	Piscataquis	3.2%
16	Aroostook	2.1%

Per Capita Income Growth 1990-2000
Avg. Annual Rate (Maine = 3.8%)

1	Waldo	4.6%
2	Washington	4.3%
3	Knox	4.2%
4	Penobscot	4.1%
5	Piscataquis	4.0%
6	Cumberland	3.9%
7	Aroostook	3.8%
8	Androscoggin	3.8%
9	Franklin	3.7%
10	Hancock	3.7%
11	Oxford	3.5%
12	Somerset	3.5%
13	Kennebec	3.4%
14	York	3.3%
15	Sagadahoc	3.3%
16	Lincoln	3.1%

FORECAST GROWTH RANKINGS

Population Growth 2000 – 2010
Avg. Annual Rate (Maine = 0.5%)

1	York	1.0%
2	Hancock	0.9%
3	Waldo	0.8%
4	Lincoln	0.8%
5	Knox	0.7%
6	Cumberland	0.7%
7	Sagadahoc	0.5%
8	Oxford	0.3%
9	Franklin	0.3%
10	Somerset	0.2%
11	Kennebec	0.2%
12	Penobscot	0.1%
13	Androscoggin	-0.0%
14	Washington	-0.2%
15	Aroostook	-0.2%
16	Piscataquis	-0.5%

Full & Part-Time Empl. Growth 2000-2010
Avg. Annual Rate (Maine = 1.7%)

1	Lincoln	4.2%
2	Hancock	2.7%
3	Washington	2.4%
4	Cumberland	2.3%
5	Waldo	2.3%
6	Knox	2.2%
7	Somerset	1.7%
8	Kennebec	1.3%
9	Oxford	1.3%
10	York	1.2%
11	Penobscot	1.2%
12	Aroostook	1.1%
13	Franklin	1.0%
14	Androscoggin	0.9%
15	Piscataquis	0.4%
16	Sagadahoc	-1.4%

Taxable Ret. Sales Growth 2000-2010
Avg. Annual Rate (Maine = 5.0%)

1	Waldo	6.2%
2	Hancock	6.1%
3	Cumberland	6.1%
4	York	5.9%
5	Sagadahoc	5.9%
6	Lincoln	5.8%
7	Knox	5.7%
8	Oxford	5.0%
9	Kennebec	4.5%
10	Androscoggin	3.4%
11	Penobscot	3.3%
12	Franklin	2.5%
13	Washington	2.3%
14	Piscataquis	2.1%
15	Somerset	1.9%
16	Aroostook	1.8%

Personal Income Growth 2000-2010
Avg. Annual Rate (Maine = 4.9%)

1	Waldo	6.2%
2	Cumberland	61%
3	Hancock	6.1%
4	Knox	5.7%
5	Lincoln	5.6%
6	York	5.6%
7	Penobscot	5.1%
8	Sagadahoc	5.0%
9	Oxford	4.6%
10	Kennebec	4.3%
11	Franklin	3.9%
12	Somerset	3.8%
13	Piscataquis	3.5%
14	Aroostook	3.5%
15	Androscoggin	2.9%
16	Washington	2.9%

Per Capita Income Growth 2000-2010
Avg. Annual Rate (Maine = 4.4%)

1	Cumberland	5.3%
2	Waldo	5.3%
3	Hancock	5.1%
4	Penobscot	5.0%
5	Knox	4.9%
6	Lincoln	4.7%
7	York	4.6%
8	Sagadahoc	4.5%
9	Oxford	4.2%
10	Piscataquis	4.1%
11	Kennebec	4.1%
12	Aroostook	3.7%
13	Franklin	3.6%
14	Somerset	3.6%
15	Washington	3.0%
16	Androscoggin	3.0%